

Figure 1

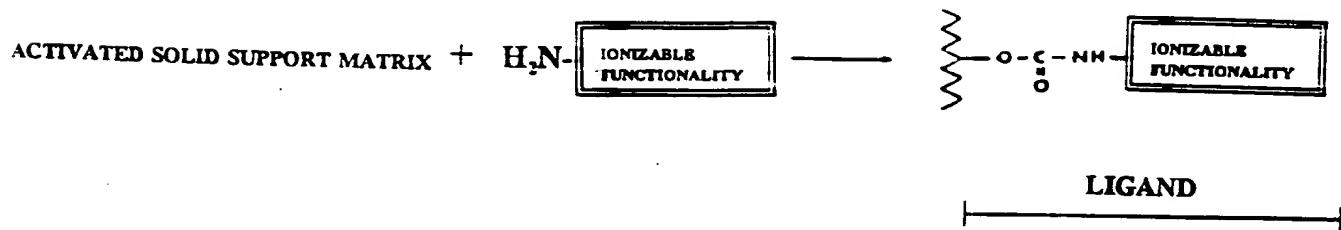
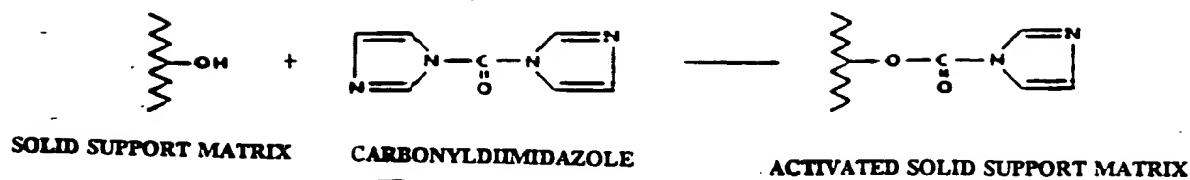


Figure 2

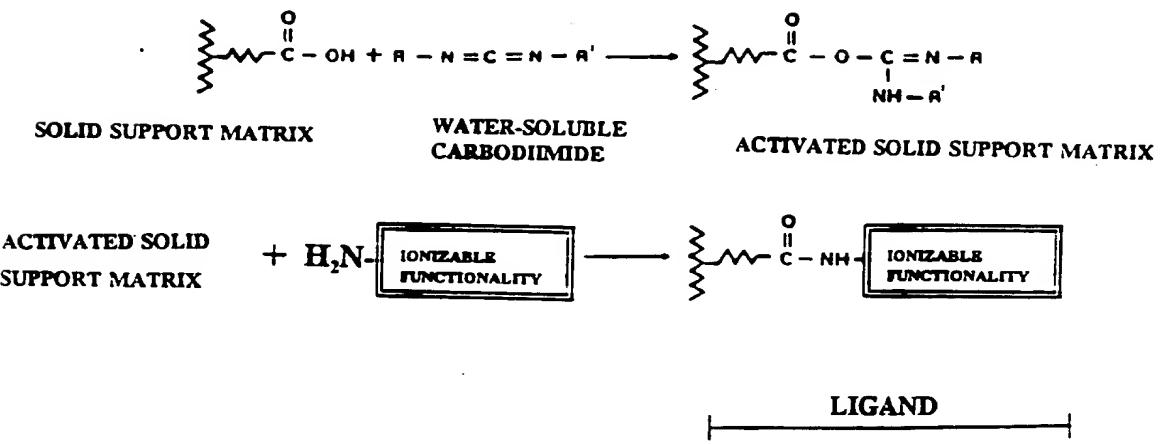


Figure 3

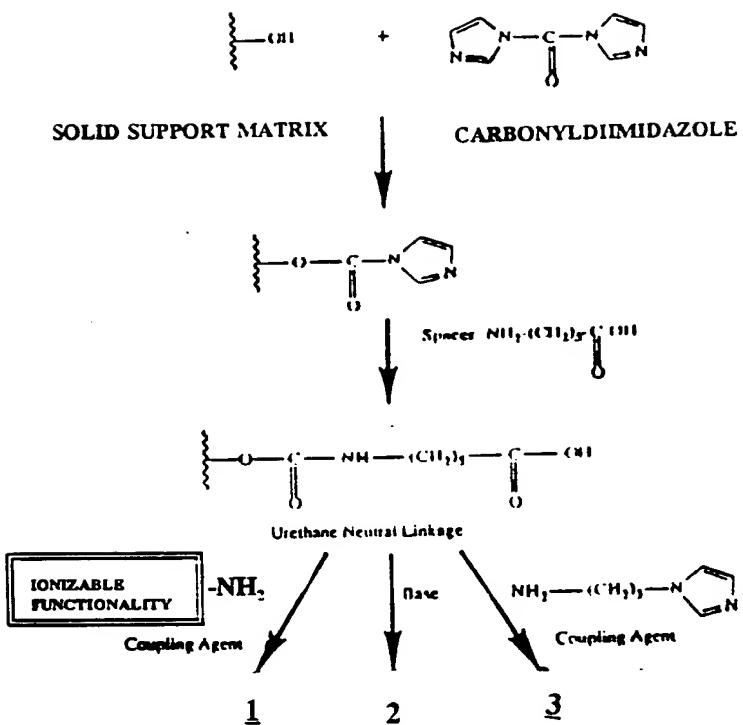


Figure 4

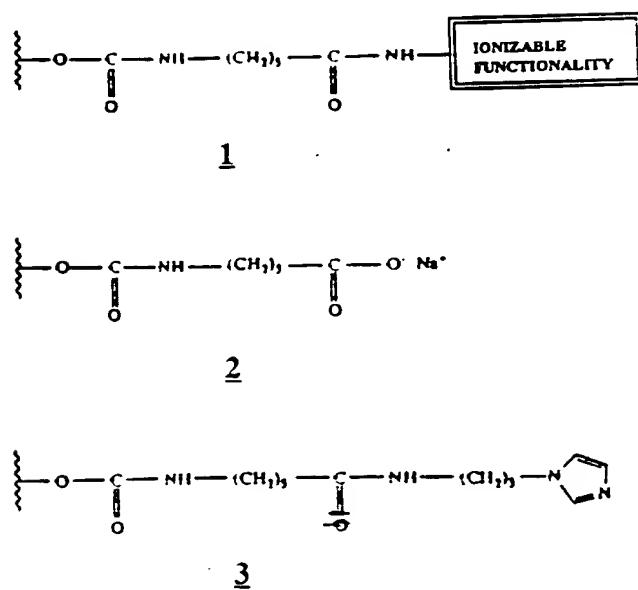


Figure 5

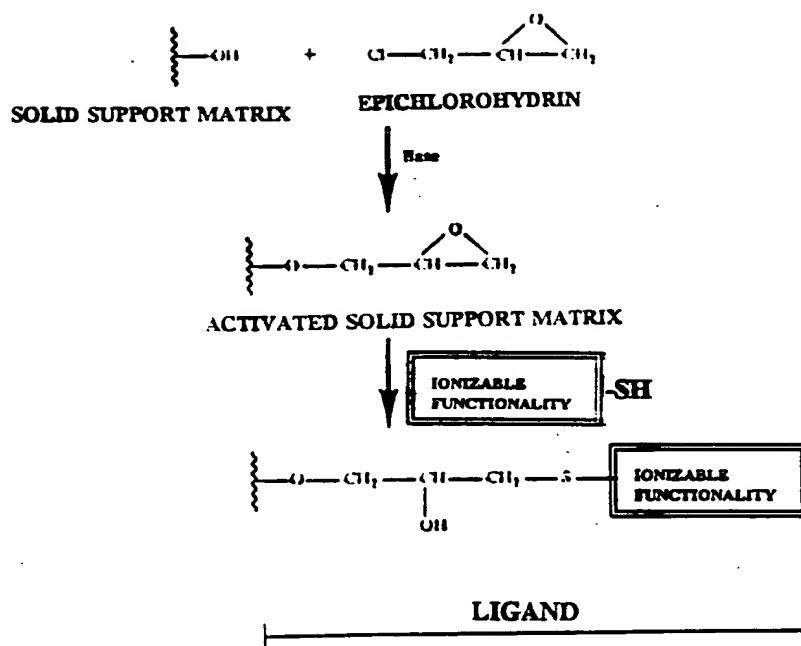


Figure 6

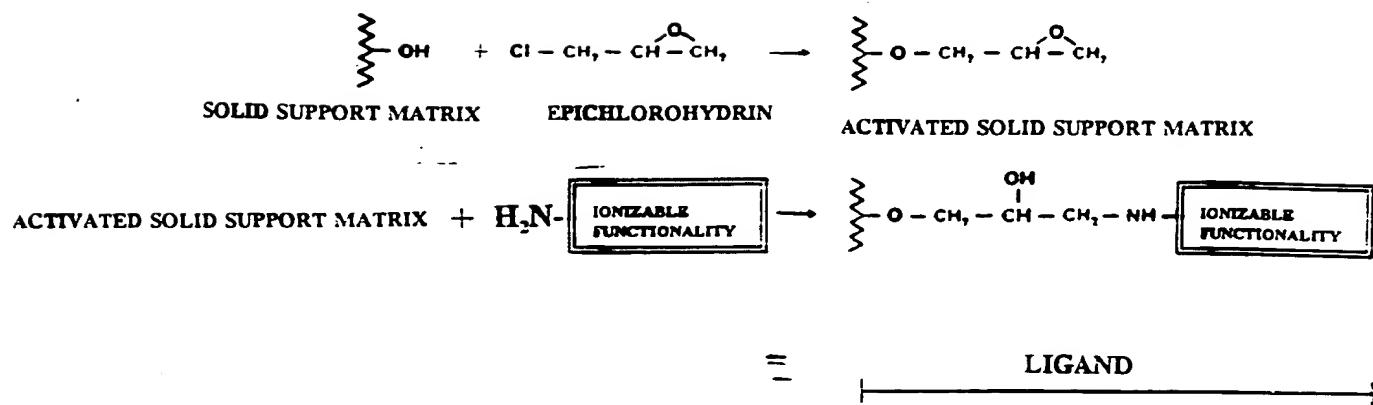
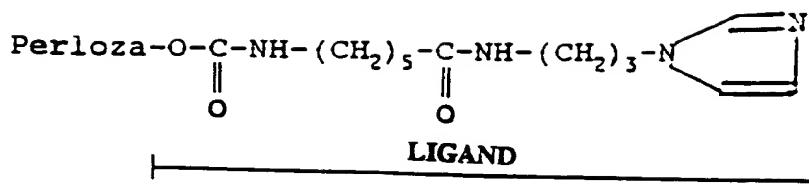
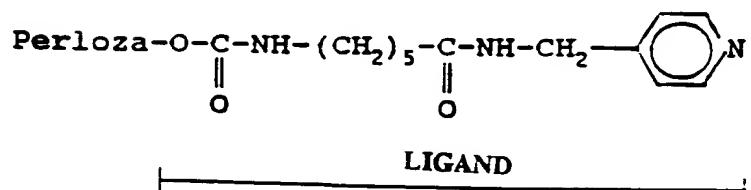


Figure 7

MG1



MG2



MG3

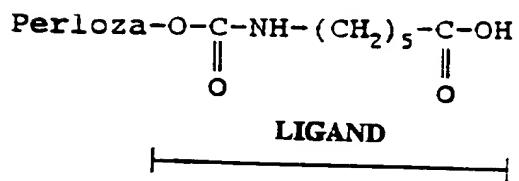
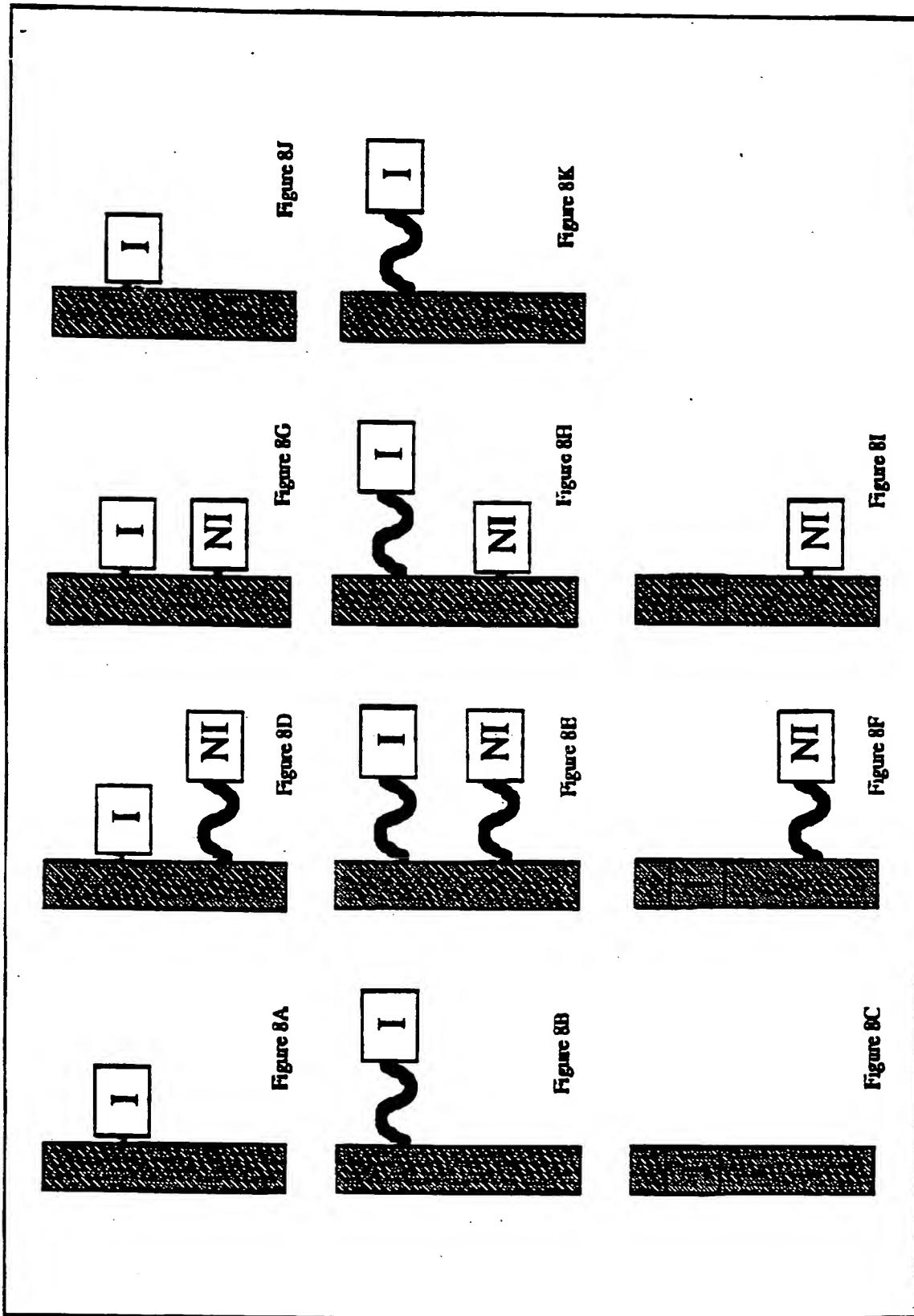
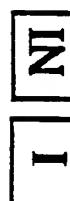
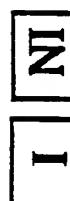
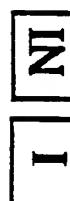


Figure 8A-8K



 Solid Matrix
 Spacer Arm,
 (May contain I or NI)

 Ionizable (I) or nonionizable (NI) groups

 Ionizable functionalities in matrix backbone